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I will give you free a sample of Dr. Pierce's Pleasant Pellets, that have brought health and happiness to thousands—also a book on any chronic disease you need.

The story of my free offer to you is quickly told. During my many years of practice I have used numerous combinations of curative medicines for liver ills. I have kept records of results in case after case, so that my staff of physicians and surgeons, at the Invalids' Hotel, Buffalo, N. Y., are able to diagnose and treat cases at a distance with uniform good results. I am going to send you free a sample package of Dr. Pierce's Pleasant Pellets, which will relieve biliousness and ill health due to a disordered liver. Write at once for a sample or a book.



But for the permanent relief of blood disorders and impurities, I can recommend my "Golden Medical Discovery"—a blood medicine without alcohol.—R. V. PIERCE, M. D., Buffalo, N. Y.

## Nature's Way Is The Best.

Buried deep in our American forest we find bloodroot, queen's root, mandrake and stone root, golden seal, Oregon grape root and cherrybark. Of these Dr. R. V. Pierce made a pure glyceric extract which has been favorably known for over forty years. He called it "GOLDEN MEDICAL DISCOVERY."

This "Discovery" purifies the blood and tones up the stomach and the entire system in Nature's own way. It's just the tissue builder and tonic you require.

Dr. Pierce says:—"Glycerine plays an important part in Dr. Pierce's Golden Medical Discovery in the cure of indigestion, dyspepsia and weak stomach, attended by sour risings, heartburn, foul breath, coated tongue, poor appetite, gnawing feeling in stomach, biliousness and kindred derangements of the stomach, liver and bowels.

In coughs and hoarseness caused by bronchial, throat and lung affections, except consumption, the "Golden Medical Discovery" is a most efficient remedy, especially in those obstinate, hang-on-coughs caused by irritation and congestion of the bronchial mucous membranes. The "Discovery" is not so good for acute coughs arising from sudden colds, nor must it be expected to cure consumption in its advanced stages—no medicine will do that—but for all the obstinate, chronic coughs, which, if neglected, or badly treated, lead up to consumption, it is the best medicine that can be taken." Sold by all principal dealers in medicines.

To find out more about the above mentioned diseases and all about the body in health and disease, get the Common Sense Medical Adviser—the People's Schoolmaster in Medicine—revised and up-to-date book of 1000 pages—which treats of diseased conditions and the practical, successful treatment thereof. Cloth-bound sent post-paid on receipt of 31 cents in one-cent stamps to pay cost of mailing only. Address Dr. Pierce's Invalids' Hotel, Buffalo, N. Y.

## MINING NEWS

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## NEW MEXICO'S COAL PRODUCTION IN YEAR 1911 HAS VALUE OF \$4,525,925

Production Shows a Slight Decrease, Due to Lessened Demand in West.

Washington, D. C., May 15.—The production of coal in New Mexico in 1911 was 2,343,128 short tons, with a spot value of \$4,525,925, according to a statement by E. W. Parker, just made public by the United States geological survey.

In common with most of the states in the Rocky mountain region, New Mexico produced less coal in 1911 than in 1910. Several causes contributed to the decreased production—unusually mild weather in the winter of 1910-11,

drouth in the great plains states which reduced the demands for coal for domestic use, decreased consumption by railroad locomotives, and the resumption of coal mining in the central and southwestern states after the six months' strike of 1910.

The combined effect of these influences on the coal production of New Mexico was a decrease of 460,160 short tons, or 16.3 percent. The value declined \$251,226, or 5.2 percent. All the counties of the state showed decreases in production except McKinley county, which increased 22,525 short tons. Colfax county, in addition to producing 10 percent of the total output of New Mexico, is also the only county in which coking operations are carried on, and in 1911 a total of 157,188 tons of coal mined in that county was made into coke. In 1910 the coal made into

coke in Colfax county amounted to 201,204 tons.

The number of men employed in the coal mines of New Mexico in 1911 was 4,007, who worked an average of 239 days, against 3,582 for an average of 253 days in 1910. The average production for each employ in 1911 was 78.7 tons for the year, or 2.41 tons a day, against 57.9 tons and 2.46 tons, respectively, in 1910.

Although a comparatively small portion of New Mexico's product is under-cut by machines, there is very little coal shot from the solid. Nearly all of it is either undercut or sheared by hand, and it is a credit to the new state that the methods employed to insure safety in its larger mines are of the best known.

In the larger mines shot firers are employed to shoot down the coal, and every precaution is taken to see that the coal is properly undercut or sheared, and that the holes are properly drilled, and that the shots are properly placed before they are fired. In some cases the shooting is done by electricity, the current being turned on from outside the mine, and no shooting is done until every man is known to have left the mine.

In 1911, 82,721 tons, or 3 percent, of the total production of coal was undercut by machines, of which 10 were reported in use. In 1910 only three machines were employed, mining 71,099 tons of coal.

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## COOPER REEF INSTALS MACHINERY; RADON MINES CO. ELECTS OFFICERS

Entrance of Guggenheims Into Globe-Miami District Considered Significant.

Globe, Ariz., May 15.—At the Copper Reef mine, 15 miles south of San Carlos, the erection of the new engine and air compressor at the portal of the California tunnel is well under way and is expected to be finished in about 10 days, after which the driving of the tunnel will be resumed. The tunnel is now about 1,000 feet long and it is proposed to drive it 1,500 or 2,000 feet further to cut four veins that outcrop prominently, attaining on them a depth of 1,200 to 1,500 feet. Chas. Saxman is superintendent.

Shirley Neff and associates are hauling ore from their claims near the Copper Reef mine to the railroad at San Carlos and have a car nearly loaded. The ore is reported to have a gross value of \$15 per ton in gold, silver and copper.

Chas. Drilling Continues.—At the Southwest mine, Chas. Drilling continues steadily. Holes 4, 5 and 6 are 500, 420 and 400 feet deep, respectively. Hole No. 4 has passed out of the conglomerate into dacite and hole No. 6 has reached the schist. Hole No. 5 is still in conglomerate.

One churndrill is in operation on the Barney group drilling hole No. 3, which is hole No. 5 of the Southwest mine.

Radon Holds Election.—At the annual meeting of the Radon Mines company, held at Globe, the following directors and officers were elected: W. H. Mercer, president; D. R.

Williamson, vice president; Annie Mercer, secretary; J. N. McDonald and J. M. Leach. The company owns 60 claims three miles north of Globe and the ground was a producer of silver ore in the early days. Negotiations are being conducted for the sale of the property.

Shaft Is Retimbered.—The retimbering of the Copper Hill shaft of the Arizona Commercial mine has been completed to a point a short distance below the fourth level.

The suit of the Arizona Eastern railroad in condemnation proceedings against property owners along the right of way of the proposed extension of the line from its present terminus at Miami to the Inspiration mine is now being heard in the superior court at Globe.

The expiration of the Schultze group of 16 claims three miles west of Miami and under option to the South Live Oak Development company, was started this week. An unusually large deep well drilling machine is being used, the boiler, engine and derrick being mounted on separate trucks. The hole was started with a 17 1/2 inch bit, the largest ever used in the district, and it is estimated that depth of 2,000 feet can be attained if necessary.

The Needles Deal.—The Needles group and adjoining claims, secured by the Guggenheims, comprise 27 claims owned by Dan E. Williamson and 12 claims owned by H. Trimm, Wm. Phillips, Theodore Phillips and Messrs. Hobbs and Martindale. R. W. Hoar, of Globe, manager for the Southwestern Miami Development company, conducted the negotiations.

The entrance of the Guggenheims into the Miami district means increased prosperity to the town of Miami.

## PAYS FOR MINE IN EACH 50 DAYS YIELD

Mines of Mogollon District Are Making Record Productions.

Mogollon, N. M., May 15.—At the Mogollon Mining company 725 tons were crushed during the week, producing 35 sacks of concentrates and the usual amount of tailings. The last day's cleanup in April yielded 10,325 tray ounces of bullion and 9,800 pounds of concentrates. During the month of April 3,000 tons were milled, producing 25,000 tray ounces of gold and silver bullion and 15,000 pounds of high grade concentrates. This property is now producing every 50 days the price paid the last Chance mine by the present owners.

The Oaks company treated 145 tons in April from 125 feet of development on the Pacific mine, which will be sufficient development to begin stopping within 30 days. At the Johnson mine the full width of the new shaft is in place, which is being transported to the Deadwood mill.

Deadwood mines development was advanced 10 feet during the week and 325 tons were mined. In the mill 22 sacks of concentrates and the regular precipitate cleanup was made. Especially good ore is coming from the 200 level, north.

In the Socorro mines approximately 2,500 tons were milled during April. The Deep Down level at the bottom of the mine is being driven west in good ore.

## RAY CONSOLIDATED HAS BIG SHIPMENTS

Sends 2000 Cars of Ore to Hayden Plant During a Single Month.

Ray, Ariz., May 15.—The Ray Consolidated Copper company shipped approximately 2,000 cars of crushed ore to the reduction plant at Hayden during the month of April. This averages 66 tons to the car, making a total delivery of 132,000 tons of finely crushed ore for the enormous mill.

The capacity of the concentrator is 250,000 tons per month, which indicates that the output of the mines is but half of what it will ultimately be. The tested ratio of concentration is about 20 into one, making the production of concentrates 12,500 tons on a maximum monthly run. Their copper contents, however, are exceptionally high, the present assays ranging in the neighborhood of 20 percent, with few determinations going below this figure. Thus the production of 45,000,000 pounds of bullion annually is assured, and the company's endeavor to stretch its yield to 85,000,000 pounds per year may be soon realized.

Since the purchase of the Ray Central properties, which have vast tonnages of first grade ore where concentrating is not required.

## ARIZONA COPPER CO. IS NOW REORGANIZED

Development Will Be Pushed and a Mill Will Be Erected.

Miami, Ariz., May 15.—The Arizona Lead-Silver-Copper Co., which owns property 10 miles south of San Carlos, has been reorganized in San Francisco with a capitalization of \$2,500,000, and a per value of \$5 per share. The officers of the new mining company are: P. W. Mitchell, president; J. S. Black, vice president; W. R. Chambers, secretary; W. P. Lathrop, treasurer. All of the incorporators are well known mining and business men of the state.

The holdings of the company comprise 15 claims in the San Carlos district which is a proved high grade copper, gold and silver property. Work so far done on the property consists of tunneling to the amount of about 800 feet, also several shafts and open cuts. All necessary tools are on the ground and the road is completed within two and one-half miles of the camp. The company intends to push development on a large scale as fast as possible and it is very likely that a mill will be constructed on the property in the near future, as officials of the company have been watching closely all types of milling machinery in the Globe-Miami district for the past few months and president Mitchell said while in Miami some time ago, that as soon as sufficient ore was developed a mill would be erected.

## GOOD PROGRESS MADE ON NEW SMELTER

Big C. & A. Smelter at Bisbee Will Be Completed This Year.

Bisbee, Ariz., May 15.—Rapid progress is being made in the building of the new C. & A. smelter at Bisbee. It will be completed this year and will have a capacity 50 percent more than

the present plant. It is figured that the increased price for copper in 1912 will pay for the plant, leaving the \$4,000,000 cash intact, and will permit of the payment of dividends at the rate of \$4 per share per year. Calumet & Arizona is treating the highest grade of ore of any smelting plant in the country.

## BIG SPRING OIL FIELD IS PROMISING

Big Spring, Texas, May 15.—Rapid developments are taking place in the Big Spring oil field. The leases have all been signed up and actual drilling for oil will begin the first of July. The men behind the move are W. A. Hachle capitalists and give out the report that the field looks promising. Their hopes are founded on the testimony of expert oil men. The field adjoins Big Spring on the west.

## SOUTH LIVE OAK IS USING ITS NEW DRILL

Miami, Ariz., May 15.—The South Live Oak Development company has commenced drilling on its property with one of the new drills which was received the first of the week. A shipment of pipe, which is to be used at the mine, has arrived and is being hauled to the mine. Director P. D. Kennedy,

of Milwaukee, Wis., has arrived in Miami and in company with L. D. McClure is inspecting the property. A car containing a handsome concrete mixer has been received in Miami for the Inspiration Consolidated Copper company. This is one of the most complete and of larger capacity than any other mixer ever used in the district, and will be used in the construction of the concentrator.

## YAGUI TROUBLE PUTS STOP TO FREIGHTING OF ORES

Guaymas, Sonora, Mexico, May 15.—It is reported that 30 freighters with about 180 mules have abandoned the work of hauling ore to the railroad station at Toledo, on account of the Yaqui trouble.

TO MINE STOCKHOLDERS  
Silver City, N. M., May 15.—The Ernestine Mining company, capital stock \$1,500,000, has just distributed \$15,000 in dividends.

## GREENE CANANEA CONTINUES ACTIVE

Cananea, Mexico, May 15.—Greene Cananea is operating without interruption, despite the war in Mexico. The company is close to the American line and its forces are well organized to resist any attack. Before the close of 1912 it is probable that Greene-Cananea will be able to materially increase its output.

## Satisfies

There never was a thirst that Coca-Cola couldn't satisfy.

It goes, straight as an arrow, to the dry spot. And besides this,

satisfies to a T the call for something purely delicious and deliciously pure—and wholesome. Delicious—Refreshing Thirst-Quenching

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